

552695

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 October 2004 (21.10.2004)

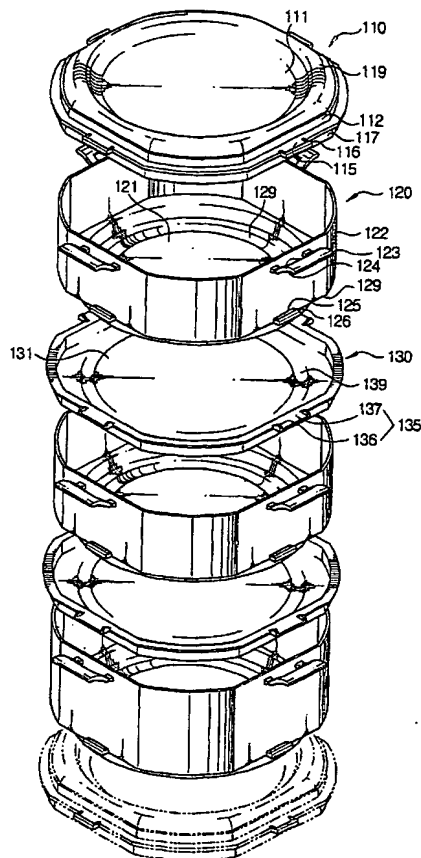
PCT

(10) International Publication Number
WO 2004/089774 A1

- (51) International Patent Classification⁷: **B65D 43/03**
- (21) International Application Number:
PCT/KR2004/000798
- (22) International Filing Date: 7 April 2004 (07.04.2004)
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data:
20-2003-0010907 9 April 2003 (09.04.2003) KR
20-2003-0039227 16 December 2003 (16.12.2003) KR
- (71) Applicant (for all designated States except US): **KOREA ALPINE CO. LTD.** [KR/KR]; 435-5 Dunchon-dong, Kangdong-Ku., Seoul 134-060 (KR).
- (72) Inventor; and
(75) Inventor/Applicant (for US only): **WANG, Soo Chang** [KR/KR]; Samick Apartment 503-1003, 15 Myungil-1dong, Kangdong-ku, Seoul 134-824 (KR).
- (74) Agent: **LEE, Ki-Sung**; 3th Floor Dongbo Building, 647-8, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: MULTI-LAYERED CONTAINER WITH INTERMEDIATE LID



(57) Abstract: The present invention provides a multi-layered container, including a cover (10), with a plurality of first locking projections (15), and a plurality of container bodies (20) having a plurality of locking flaps (23). Each of the plurality of locking flaps (23) rotatably extends from each of predetermined portions of the circumferential outer surface of the container body (20), with a locking hole (24) provided on the locking flap (23). The multi-layered container further includes an intermediate lid (30) provided between the cover (10) and an uppermost container body (20) or between the container bodies (20). The intermediate lid (30) has a plate-shaped part (31), a coupling part (32) bent into a channel-shape while extending from an edge of the plate-shaped part (31), and a plurality of coupling flanges (35) extending downward from predetermined portions of the coupling part (32), with a second locking projection (25) provided on an end of each of the plurality of coupling flanges (35).

WO 2004/089774 A1



Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.